

Health Profile Nye County, Nevada 2001

*Bureau of Community Health
August, 2002*

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Health Profile Nye County, Nevada 2001

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HEALTH PROFILE Nye County, NEVADA, 2001

EXECUTIVE SUMMARY

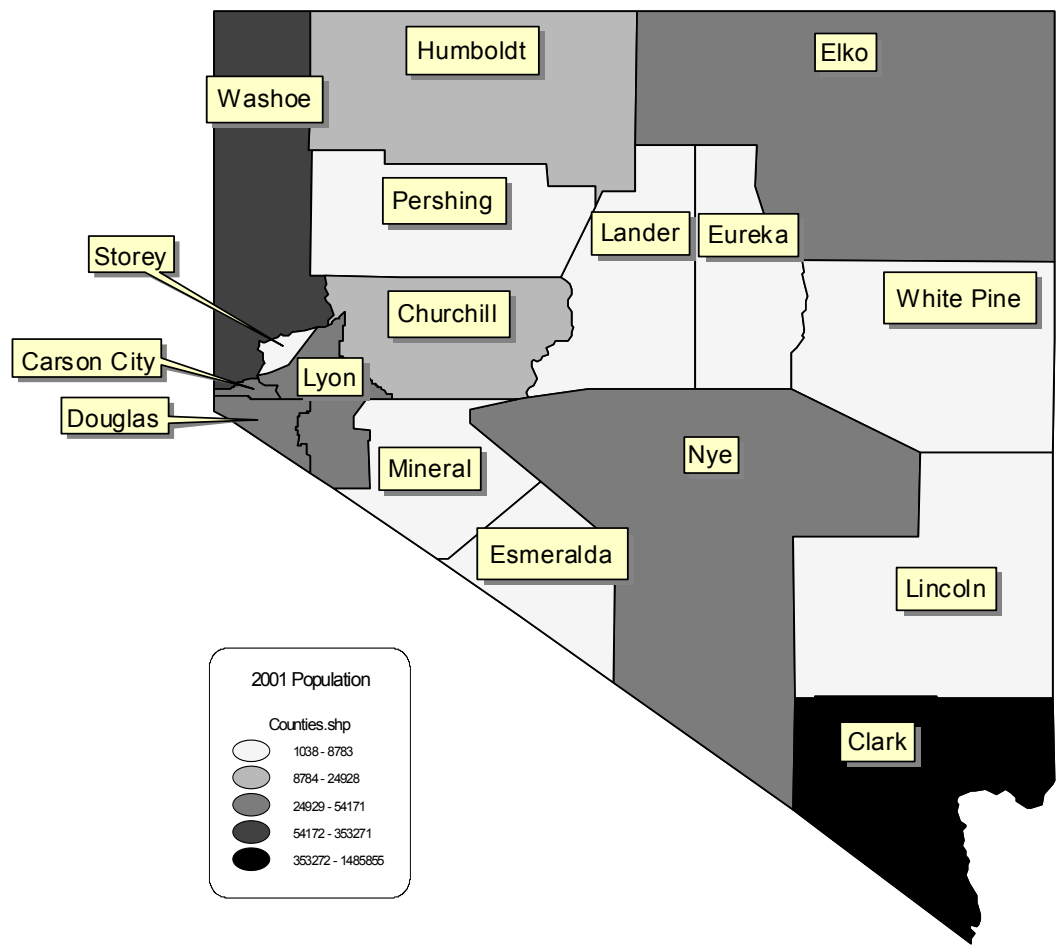
This report was prepared by the Bureau of Community Health (BCH), Nevada State Health Division. The purpose of the report is to provide information to policy makers, grant writers, medical providers, and administrators, and other parties interested in the health status of Nye County and the State of Nevada. The data is organized into sections by providing basic demographics, socioeconomic status, births, deaths, chronic diseases and risk factors, infectious diseases, injuries, preventive services for children and adults. For most health indicators, data for Nye County were compared to the statewide data and Healthy People (HP) 2010 targets.

Nye County had a 80% increases in population from 1991 to 2001. In 2001, the population of Nye County was 34,384 accounting for 1.6% of the total state population (2,132,498) of Nevada. Nye County has a higher percentage of non-white population, a lower median income and a higher unemployment rate compared to the State of Nevada. Nye County has experienced greater population growth than the state as a whole, and will continue to grow.

The following table is a summary of the current health status of Nye County compared with HP 2010 targets. Details can be found later in the report under the respective sections.

Health Indicators	HP 2010 Targets Met ★	HP 2010 Not Met ▲
BIRTHS		<ol style="list-style-type: none"> 1. Low Birth Weight 2. Very Low Birth Weight 3. Pre-term Birth 4. Teen Mothers 5. Prenatal care in the 1st trimester
DEATHS	<ol style="list-style-type: none"> 1. Mortality rate due to cervical cancer 2. Mortality rate due to COPD 3. Mortality rate due to Diabetes Mellitus 	<ol style="list-style-type: none"> 1. Infant Mortality rate 2. Neonatal infant mortality rate 3. Post-neonatal mortality rate 4. Mortality rate due to all cancers 5. Mortality rate due to trachea, bronchus, & lung cancer 6. Mortality rate due to breast cancer 7. Mortality rate due to colorectal cancer 8. Mortality rate due to stroke
CHRONIC DISEASES MAJOR RISK FACTORS	<ol style="list-style-type: none"> 1. Cholesterol checking rate 	<ol style="list-style-type: none"> 1. Cigarette smoking rate 2. Physical inactivity rate 3. High blood pressure rate
INFECTIOUS DISEASES	<ol style="list-style-type: none"> 1. Chlamydia 2. Hepatitis A 3. Hepatitis B 4. Hepatitis C 5. Mumps 6. Pertussis 7. Rubella 8. Meningococcal disease 9. Tuberculosis 	
INJURIES		<ol style="list-style-type: none"> 1. Homicide 2. Suicide 3. Motor Vehicle Injuries
PREVENTIVE SERVICES USE	<ol style="list-style-type: none"> 1. Mammogram for women 40 years and older in the preceding 2 years 	<ol style="list-style-type: none"> 1. Immunization Coverage in 2-year old children 2. Pap smears for adult women 3. Pneumococcal pneumonia vaccination for adults 4. Influenza vaccination for adults in the past 12 months

NEVADA MAP



HEALTH PROFILE DEMOGRAPHICS

2001 DEMOGRAPHICS

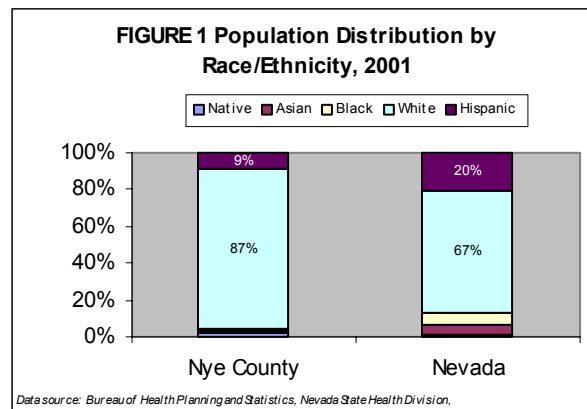
Population in 2001:	Nye County	34,384
	Nevada	2,132,498
Percent of total Nevada population:		1.6%
Population density (people per square mile):	Nye County	2
	Nevada	18

Data source: Bureau of Health Planning and Statistics, Nevada State Health Division, 2002

TABLE 1 Population by Gender, Age Group, and Race/Ethnicity, 2001

		Nye County		Nevada	
		Population	% of Total Population	Population	% of Total Population
GENDER	Male	17,623	51%	1,086,325	51%
	Female	16,761	49%	1,046,173	49%
	Total	34,384	100%	2,132,498	100%
AGE GROUP	<1	368	1%	31,028	1%
	1-17	7,788	23%	515,040	24%
	18-64	19,894	58%	1,352,890	63%
	65+	6,334	18%	233,541	11%
	Total	34,384	100%	2,132,499	100%
RACE/ETHNICITY	Native	640	2%	23,015	1%
	Asian	373	1%	106,104	5%
	Black	407	1%	145,888	7%
	White	29,996	87%	1,422,260	67%
	Hispanic	2,969	9%	435,232	20%
	Total	34,385	100%	2,132,499	100%

Data source: Bureau of Health Planning and Statistics, Nevada State Health Division, 2002



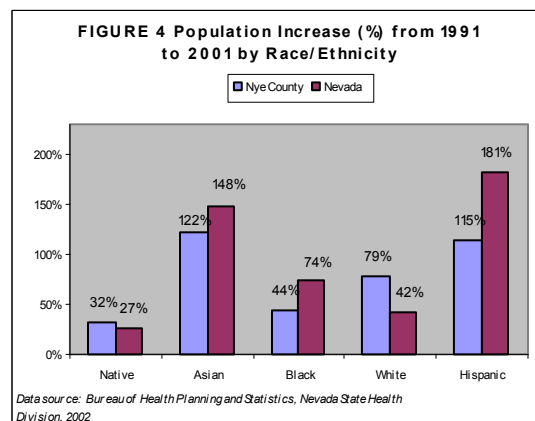
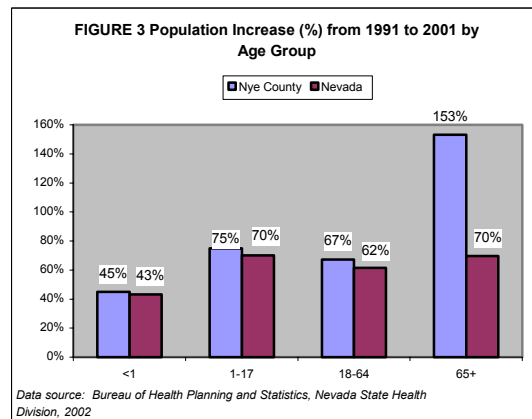
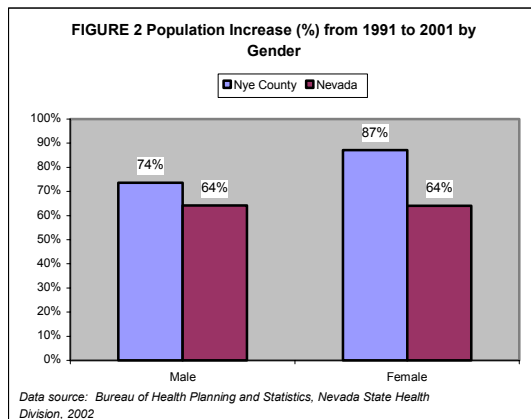
- In 2001, Nye County had a similar distribution by gender compared to the State of Nevada.
- Nye County had a lower percentage of population in the age group 18-64 (58%) compared to the State of Nevada (63%) and a higher percentage of the population over 65 years of age (18%) compared to the State of Nevada (11%) in 2001.
- In 2001, Nye County had a lower rate of non-white population (13%) compared with the State of Nevada (33%).

1991 - 2001 POPULATION CHANGE

TABLE 2 Population Change from 1991 to 2001 by Gender, Age Group, and Race/Ethnicity

		Nye County			Nevada		
		1991	2001	% Increase	1991	2001	% Increase
GENDER	Male	10,153	17,623	74%	661,625	1,086,325	64%
	Female	8,957	16,761	87%	637,735	1,046,173	64%
	Total	19,110	34,384	80%	1,299,360	2,132,498	64%
AGE GROUP	<1	254	368	45%	21,660	31,028	43%
	1-17	4,454	7,788	75%	302,839	515,040	70%
	18-64	11,900	19,894	67%	837,255	1,352,890	62%
	65+	2,502	6,334	153%	137,606	233,541	70%
	Total	19,111	34,384	80%	1,299,360	2,132,499	64%
RACE/ETHNICITY	Native	485	640	32%	18,163	23,015	27%
	Asian	168	373	122%	42,818	106,104	148%
	Black	283	407	44%	84,032	145,888	74%
	White	16,791	29,996	79%	999,544	1,422,260	42%
	Hispanic	1,383	2,969	115%	154,803	435,232	181%
	Total	19,110	34,385	80%	1,299,360	2,132,499	64%

Data source: Bureau of Health Planning and Statistics, Nevada State Health Division, 2002



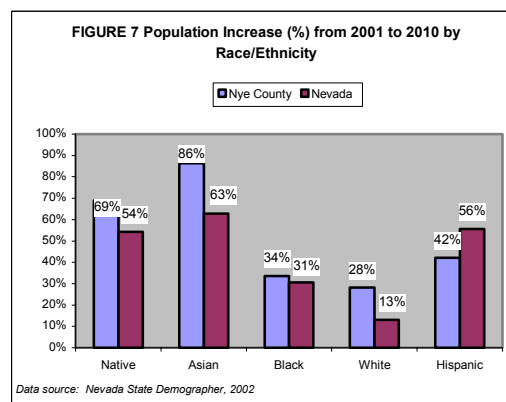
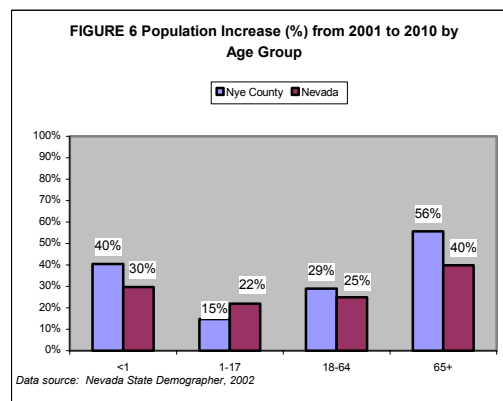
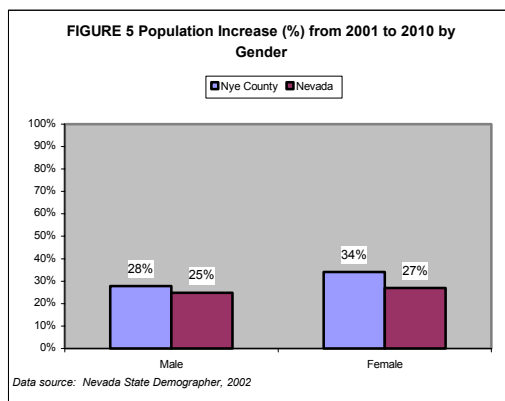
- From 1991-2001, Nye County has had a larger population increase rate (80%) compared to the State of Nevada (64%).
- The population age 65 and over has seen the most growth over this time (153%).
- The race/ethnic groups with the greatest increase have been the Asian population (122%) and the Hispanic population (115%).

2001 - 2010 POPULATION PROJECTIONS

TABLE 3 Population Projected Change from 2001 to 2010 by Gender, Age Group, and Race/Ethnicity

		Nye County			Nevada		
		2001	2010	% Increase	2001	2010	% Increase
GENDER	Male	17,623	22,514	28%	1,086,325	1,356,489	25%
	Female	16,761	22,471	34%	1,046,173	1,328,363	27%
	Total	34,384	44,985	31%	2,132,498	2,684,853	26%
AGE GROUP	<1	368	517	40%	31,028	40,232	30%
	1-17	7,788	8,941	15%	515,040	628,131	22%
	18-64	19,894	25,668	29%	1,352,890	1,689,759	25%
	65+	6,334	9,859	56%	233,541	326,731	40%
	Total	34,384	44,985	31%	2,132,499	2,684,853	26%
RACE/ETHNICITY	Native	640	1,081	69%	23,015	35,517	54%
	Asian	373	695	86%	106,104	172,683	63%
	Black	407	544	34%	145,888	190,606	31%
	White	29,996	38,444	28%	1,422,260	1,608,666	13%
	Hispanic	2,969	4,220	42%	435,232	677,380	56%
	Total	34,385	44,985	31%	2,132,499	2,684,853	26%

Data source: Nevada State Demographer, 2002



- Population projections for 2010 predict that Nye County will grow at a faster rate (31%) than the State of Nevada (26%).
- Population projections for 2010 predict that the population for all age categories will increase with the most growth in the 65 years and over population (56%).
- Population projections for 2010 predict that the population for all race/ethnic groups will increase, with the most growth among the Asian (86%) and Native (69%) populations.

SOCIOECONOMIC STATUS

TABLE 4 Socioeconomic Status

		Nye County	Nevada
	Total households (2000) ³	13,309	751,165
Households (2000) ¹	Family households (families) (%) ⁴	68%	66%
	Nonfamily households (%) ⁵	32%	34%
	Households with individuals under 18 years (%)	29%	35%
	Households with individuals 65 years and over (%)	32%	21%
	Average household size ⁶	2.42	2.62
Income (2000)	Median household income	\$36,580.00	\$39,280.00
	People of all ages in poverty (%) ⁸	13%	11%
Unemployment rate (%) ²	2001	6.6	5.3
	2000	5.4	4.1
	1999	5	4.4

Data source: ¹ US Census Bureau, Census 2000² Nevada Department of Employment, 2002

Note:

³A household includes all of the people who occupy a housing unit. People not living in households are classified as living in group quarters.⁴A family includes a householder and one or more people living in the same household who are related to the householder by birth, marriage, or adoption. All people in a household who are related to the householder are regarded as members of his or her family.⁵A householder living alone or with nonrelatives only.⁶A measure obtained by dividing the number of people in households by the total number of households (or householders).⁷Represents 90% confidence interval⁸Poverty can be determined based on the poverty thresholds (see technical notes for POVERTY)

- Nye County had a lower percentage of households with individuals under 18 years (29%) compared to the State of Nevada (35%) in 2000 and a greater percentage of households with individual 65 years and over (32%) compared to the State of Nevada (21%).
- The median household income in Nye County was lower than in the State of Nevada in 2000.
- Nye County consistently had higher unemployment rates from 1999 to 2001 compared to the State of Nevada.

BIRTHS

TABLE 5 Births, 1999-2001

	1999		2000		2001		Healthy People 2010 Targets
	Nye County	Nevada	Nye County	Nevada	Nye County	Nevada	
Total births	317	28,911	261	30,130	332	31,297	No target
Births by race/ethnicity							
Native	6	380	5	372	10	399	No target
Asian	7	1,586	7	1,894	5	2,031	No target
Black	0	2,077	⁶ NA	2,255	⁶ NA	2,389	No target
White	257	15,244	210	15,303	257	15,264	No target
Hispanic	43	9,153	36	10,007	52	10,831	No target
Other	⁶ NA	471	⁶ NA	299	6	383	No target
LBW (%) ¹	7.9%	7.6%	6.5%	7.2%	6.9%	7.6%	5.0% ▲
VLBW (%) ²	⁶ NA	1.2%	⁶ NA	1.3%	2.1%	1.0%	0.9% ▲
Preterm births (%) ³	10.1%	10.2%	9.2%	9.8%	8.4%	10.0%	7.6% ▲
Teen mothers (per 1,000) ⁴	63.1	48.2	26.8	44.3	54.2	40.8	43 ▲
Older mothers (%) ⁵	2.2%	2.2%	⁶ NA	2.1%	2.7%	2.3%	No target
Unmarried mothers (%)	34.4%	33.4%	29.5%	34.0%	32.5%	32.2%	No target
Prenatal care in 1 st trimester (%)	63.1%	68.7%	72.8%	70.6%	70.8%	72.4%	90.0% ▲

Data source: Bureau of Health Planning and Statistics, Nevada State Health Division, 2002

Note:

¹LBW: Low Birth Weight (<2,500 grams);

²VLBW: Very Low Birth Weight (<1,500 grams);

³Preterm births: Births are <37 weeks of gestation;

⁴Teen mothers: Mother's age is younger than 18 years old;

⁵Older mothers: Mother is older than 40;

⁶NA indicates data that is unavailable due to cell size less than 5. See technical notes for data confidentiality.

★ Indicates "HP 2010 target was met" for 2001 for the county

▲ Indicates "HP 2010 target was not met" for 2001 for the county

- The total births for residents of Nye County in 2001 accounted for 1.1% of the total births in Nevada.
- The HP 2010 targets for LBW, VLBW, preterm births and prenatal care were not met by Nye County or the State of Nevada in 2001.
- The HP 2010 target for teen mothers per 1,000 live births was met by the State of Nevada but not by Nye County in 2001.

DEATHS

TABLE 6 Infant Death Rates per 1,000 Live Births, 1999-2001

Cause of Death	1999		2000		2001		Healthy People 2010 Targets
	Nye County	Nevada	Nye County	Nevada	Nye County	Nevada	
Infant mortality rate ¹	⁴ NA	6.6	⁴ NA	6.5	15.1	5.7	4.5 ▲
Neonatal infant mortality rate ²	3.2	3.9	3.8	4.0	6.0	2.9	2.9 ▲
Post-neonatal mortality rate ³	3.2	2.7	3.8	2.4	9.0	2.7	1.2 ▲

Data source: Bureau of Health Planning and Statistics, Nevada State Health Division, 2002

¹ Within the first year² Within the first 28 days of life³ Between 28 days of life and 1 year⁴ NA indicates data that is unavailable due to cell size less than 5. See technical notes for data confidentiality.

TABLE 7 Age-adjusted Mortality Rates per 100,000 Population, 1999-2001

Cause of Death	1999		2000		2001		Healthy People 2010 Targets
	Nye County	Nevada	Nye County	Nevada	Nye County	Nevada	
Diseases of the heart	223.5	267.8	237.5	246.3	311.0	257.4	No target
All Cancers	207.8	200.9	191.1	204.5	200.2	203.5	159.9 ▲
Trachea, Bronchus, & Lung	55.0	62.5	74.6	62.8	60.0	63.0	44.9 ▲
Breast	21.7	25.9	¹ NA	25.8	35.2	24.8	22.3 ▲
Cervical	¹ NA	2.4	¹ NA	3.4	0.0	2.9	2.0 ★
Colorectal	30.6	21.7	¹ NA	23.6	21.8	22.0	13.9 ▲
Prostate	¹ NA	28.8	¹ NA	25.1	8.0	30.1	28.8 ★
CLRD*	66.3	63.7	87.8	59.1	0.0	0.0	60.0 ★
Stroke	38.3	57.2	47.7	54.0	52.3	55.3	48.0 ▲
Diabetes Mellitus	19.0	16.9	18.7	14.5	21.4	17.3	45.0 ★
Influenza and Pneumonia	9.3	22.1	33.3	21.2	27.7	22.4	No target
All Deaths	861.2	914.1	947.2	881.3	1,095.2	923.4	No target

Data source: Bureau of Health Planning and Statistics, Nevada State Health Division, 2002

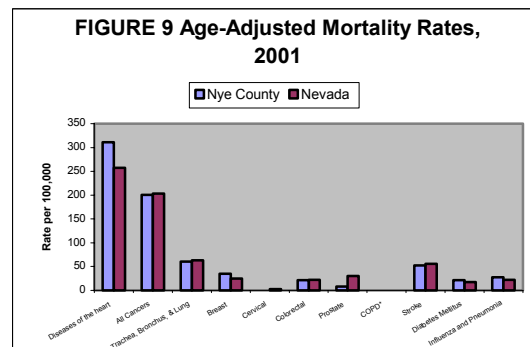
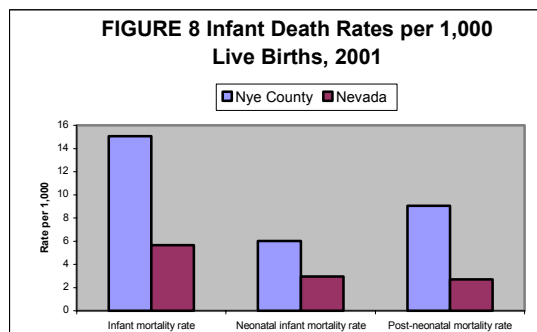
Age adjusted to the year 2000 standard population for all rates and 2010 targets

¹ NA indicates data that is unavailable due to cell size less than 5. See technical notes for data confidentiality.

★ Indicates "HP 2010 target was met" for 2001 for the county

▲ Indicates "HP 2010 target was not met" for 2001 for the county

* CLRD: Chronic Lower Respiratory Disease



- The HP 2010 objectives for age-adjusted mortality rates for infant mortality, neonatal infant mortality, post-neonatal mortality, all cancers, trachea, bronchus, and lung cancer, breast cancer, colorectal cancer, and stroke were not met by Lyon County or the State of Nevada in 2001.
- The HP 2010 objectives for age-adjusted mortality for cervical cancer, and prostate cancer were met in Lyon County but not the State of Nevada in 2001.
- The HP 2010 objectives for age-adjusted mortality for chronic lower respiratory disease and diabetes mellitus were met in Lyon County and the State of Nevada in 2001.

TABLE 8 Top Ten Causes of Death by Age Group for the Two-Year Period (1999-2000)

	Ranking	Age Group					
		< 1	1-14	15-24	25-44	45-64	> 65
NYE COUNTY RESIDENTS	Total Deaths	NA ¹	NA ¹	11	43	156	489
	1 st	Others ²	Unintentional Injuries	Unintentional Injuries	Unintentional Injuries	Cancer	Cancer
	2 nd	Unintentional Injuries, Homicide		Suicide	Suicide	Heart Disease	Heart Disease
	3 rd			Heart Disease, Cancer, Others ²	Cancer, Others ²	Others ²	Others ²
	4 th				Stroke, Homicide, Heart Disease	Unintentional Injuries	Respiratory Disease ³
	5 th				Liver Disease ⁴	Liver Disease ⁴	Stroke
	6 th					Respiratory Disease ³	Diabetes
	7 th					Suicide	Kidney Disease ⁵ , Influenza and Pneumonia
	8 th					Diabetes, Influenza and Pneumonia, Stroke	Septicemia
	9 th					Atherosclerosis	Unintentional Injuries
	10 th					HIV, Septicemia	Atherosclerosis
NEVADA RESIDENTS	Total Deaths	386	180	406	2,081	6,562	20,083
	1 st	Others ²	Unintentional Injuries	Unintentional Injuries	Unintentional Injuries	Cancer	Heart Disease
	2 nd	Unintentional Injuries	Others ²	Homicide, Suicide	Others ²	Heart Disease	Cancer
	3 rd	Heart Disease	Heart Disease, Homicide, Cancer	Others ²	Suicide	Others ²	Others ²
	4 th	Septicemia	Septicemia	Cancer	Heart Disease	Unintentional Injuries	Respiratory Disease ³
	5 th	Homicide, Influenza and Pneumonia	Suicide	Heart Disease	Cancer	Liver Disease ⁴	Stroke
	6 th	Stroke	Influenza and Pneumonia, Stroke, Respiratory Disease ³	Influenza and Pneumonia	Homicide	Respiratory Disease ³	Influenza and Pneumonia
	7 th	Cancer, Kidney Disease ⁵	Kidney Disease ⁵	Diabetes, Septicemia	HIV	Suicide	Kidney Disease ⁵
	8 th	Respiratory Disease ³ , HIV		HIV, Stroke, Respiratory Disease ³	Liver Disease ⁴	Stroke	Septicemia
	9 th			Liver Disease ⁴	Stroke	Diabetes	Alzheimer's Disease
	10 th				Diabetes	Septicemia	Diabetes

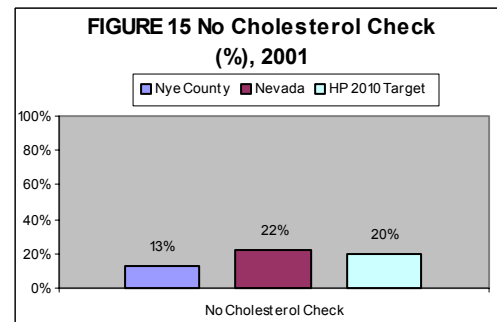
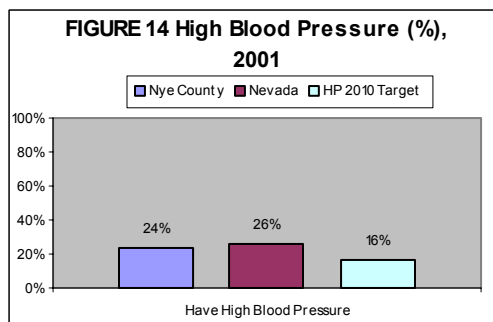
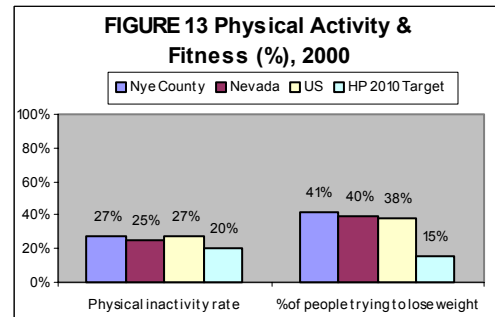
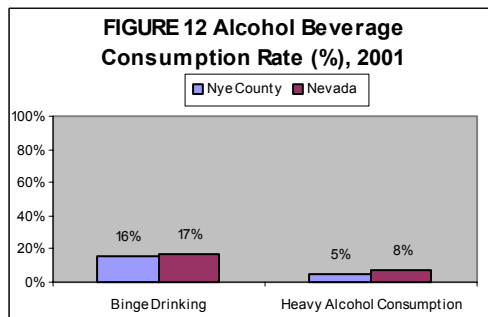
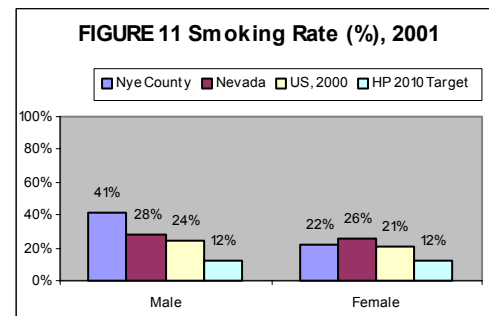
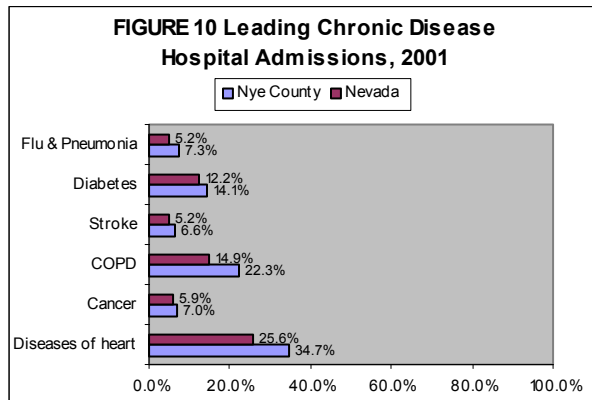
Data source: Bureau of Health Planning and Statistics, Nevada State Health Division, 2002

Note:

¹ NA* indicates data that is unavailable due to cell size less than 5. See technical notes for data confidentiality.² Others* represents causes of death other than the 15 leading causes of death including heart disease, cancer, stroke, chronic lower respiratory disease, accidents, influenza and pneumonia, diabetes mellitus, HIV diseases, suicide, chronic liver diseases and cirrhosis, nephritis, nephrotic syndrome and nephrosis, septicemia, Alzheimer's Disease, homicide & legal intervention, and atherosclerosis.³ Respiratory Disease* represents chronic lower respiratory diseases.⁴ Liver Disease* represents chronic liver disease and cirrhosis.⁵ Kidney Disease* represents nephritis, nephritic syndrome, and nephrosis.

- Accidents were the leading causes of death in the 1-14, 15-24 and 25-44 age groups in Nye County for 1999-2000.

CHRONIC DISEASES: CONDITIONS AND RISK FACTORS



- In 2001, Nye County had a higher hospital admission rate for flu and pneumonia, diabetes, stroke, COPD, cancer, and heart disease than the State of Nevada. Nye County also had a higher percentage of male smokers than those across the State of Nevada.
- In the Nevada BRFSS 2001 survey, 2,570 people (1,307 male, 1,263 female) were included. Out of the 2,570 people, 86 lived in Nye County (46 male, 40 female).
- In the Nevada BRFSS 2000 survey, 2,100 people (1,044 male, 1,056 female) were included. Out of the 2,100 people, 88 lived in Nye County (39 male, 49 female).
- For alcohol beverage consumption rate, no US nationwide data and HP 2010 targets were available
- For physical activity and fitness, no US nationwide data were available

INFECTIOUS DISEASES

TABLE 9 Reported Infectious Disease Case Rates per 100,000 Population, 1999-2001

Infectious Diseases	Nye County			Nevada			Healthy People 2010 Targets
	1999	2000	2001	1999	2000	2001	
Acquired Immunodeficiency Syndrome (AIDS)	0.0	⁴ NA	⁴ NA	12.1	13.3	10.5	1.0
Human Immunodeficiency Virus (HIV) - Not yet AIDS	0.0	⁴ NA	⁴ NA	9.3	13.6	12.2	Not Available
Chlamydia	59.6	54.6	110.5	145.1	189.0	227.2	170.0 ¹ ★
Gonorrhea	⁴ NA	⁴ NA	⁴ NA	61.3	73.2	82.8	19.0
Syphilis (primary & secondary)	0.0	0.0	⁴ NA	0.2	0.2	0.4	0.2
Hepatitis A	0.0	⁴ NA	0.0	6.8	4.2	3.3	4.5 ★
Hepatitis B	⁴ NA	0.0	0.0	2.8	2.6	2.4	2.4-5.1 ² ★
Hepatitis C	0.0	0.0	0.0	0.5	0.8	0.4	1.0 ★
Mumps	0.0	0.0	0.0	0.2	0.3	0.2	0.0 ★
Pertussis	0.0	0.0	0.0	0.7	0.7	1.9	See note ³ ★
Rubella	0.0	0.0	0.0	0.0	0.0	0.0	0.0 ★
Meningitis (Bacteria)	0.0	0.0	⁴ NA	1.2	2.3	1.2	8.6
Meningococcal disease	0.0	0.0	0.0	0.4	0.2	0.4	1.0 ★
Tuberculosis	0.0	0.0	0.0	4.5	4.4	4.5	1.0 ★
Campylobacteriosis	17.9	⁴ NA	⁴ NA	6.5	10.2	9.2	12.3
<i>E. coli</i> 0157 Diarrhea	0.0	0.0	⁴ NA	1.2	0.7	0.8	1.0
Salmonellosis	⁴ NA	⁴ NA	⁴ NA	9.4	12.4	9.5	6.8

Data source: HIV/AIDS Reporting System (HARS), STD-MIS, and National Electronic Telecommunications Surveillance System (NETSS)

provided by Bureau of Community Health, Nevada State Health Division, 2002

Note: ¹Prevalence rate per 100,000 population for Chlamydia is HP 2000 target. No HP 2010 target for prevalence rate per 100,000 population for Chlamydia is available

²HP 2010 target is 2.4, 5.1, and 3.8 cases per 100,000 population for age groups 19-24, 25-39, and 40+, respectively.

³HP 2010 target is 2,000 cases nationwide for children under 7 years of age. No HP 2010 target rate is available

⁴NA indicates data that is unavailable due to cell size less than 5. See technical notes for data confidentiality.

★ Indicates "HP 2010 target was met" for 2001 for the county

▲ Indicates "HP 2010 target was not met" for 2001 for the county

- Data presented in the table only reflects reported cases. Some diseases such as Hepatitis may be very under-reported indicating a need for increased surveillance.
- In 2001 Nye County met HP 2010 targets for Chlamydia, Hepatitis A, Hepatitis B, Hepatitis C, Mumps, Pertussis, Rubella, Meningococcal disease, and Tuberculosis.
- HP 2010 objectives were not reviewed for those infectious diseases for which in 2001 there were fewer than 5 cases. These were AIDS, Gonorrhea, Syphilis, Meningitis, Campylobacteriosis, *E. coli* 0157, and Salmonellosis.

INJURIES

TABLE 10 Injury Death Rate per 100,000 Population, 1999-2001

	Year	Nye County	Nevada	Healthy People 2010 Targets	
Homicide	1999	¹ NA	8.2	3.0	
	2000	¹ NA	6.2	3.0	
	2001	6.5	8.8	3.0	▲
Suicide	1999	19.3	20.6	5.0	▲
	2000	41.0	19.2	5.0	▲
	2001	25.2	18.2	5.0	▲
Motor Vehicle Injuries	1999	36.3	15.0	9.2	▲
	2000	47.6	13.2	9.2	▲
	2001	47.0	15.3	9.2	▲

Data source: Bureau of Health Planning and Statistics, Nevada State Health Division, 2002

★ Indicates "HP 2010 target was met" for 2001 for the county

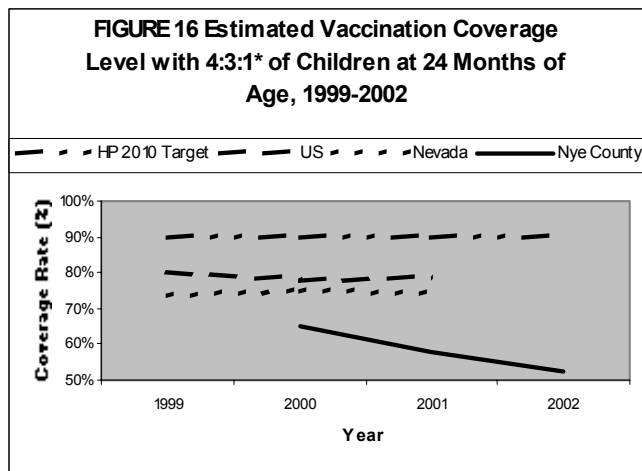
▲ Indicates "HP 2010 target was not met" for 2001 for the county

¹NA indicates data that is unavailable due to cell size less than 5. See technical notes for data confidentiality.

- Death rates per 100,000 population for Nye County and Nevada and HP 2010 targets are age-adjusted rates (year 2000 standard population)
- In 2001, neither Nye County nor the State of Nevada reached the HP 2010 targets for homicide, suicide, or motor vehicle injuries.

PREVENTIVE SERVICES USE

IMMUNIZATION COVERAGE LEVELS IN CHILDREN

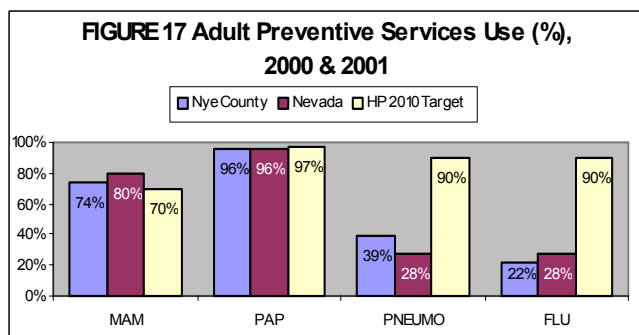


Data source: Bureau of Community Health, Nevada State Health Division, 2002

* Four or more doses of Diphtheria and Tetanus toxoids and Pertussis vaccine, 3 or more doses Poliovirus Vaccine, and one or more doses of Measles-Mumps-Rubella vaccine

- The data for Nye County is from the public health clinic only. It does not reflect the complete vaccination coverage level in Nye County.
- The data for Nevada and the US were obtained from the National Immunization Survey for Children 19-35 months of age. Data has not yet been released for 2002.
- The Healthy People 2010 target is for children 19-35 months of age.

ADULT PREVENTIVE SERVICES USE



Data source: Nevada State Behavioral Risk Factor Surveillance System (BRFSS), 2000 & 2001, provided by the Bureau of Health Planning and Statistics, Nevada State Health Division, 2002

Note:

MAM: Mammogram for women 40 years and older in preceding 2 years (2000 BRFSS)

PAP: Pap smears for adult women (2000 BRFSS)

PNEUMO: Pneumococcal pneumonia vaccination for adults (2001 BRFSS)

FLU: Influenza vaccination for adults in the past 12 months (2001 BRFSS)

- In the Nevada BRFSS 2001 survey, 2,570 people (1,307 male, 1,263 female) were included. Out of the 2,570 people, 86 lived in Nye County (46 male, 40 female).
- In the Nevada BRFSS 2000 survey, 2,100 people (1,044 male, 1,056 female) were included. Out of the 2,100 people, 88 lived in Nye County (39 male, 49 female).
- Nye County and the State of Nevada had very low self-reported adult vaccination coverage for influenza and pneumonia compared to the HP 2010 target

MENTAL HEALTH

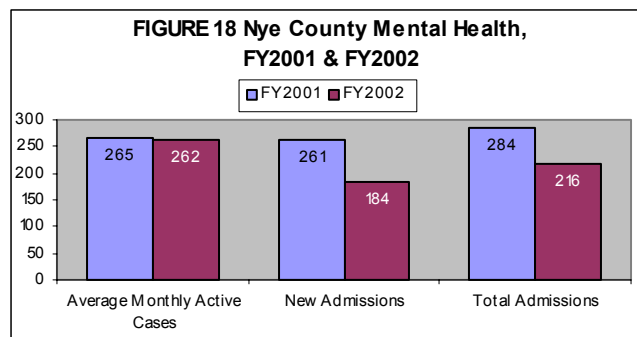
There are 18 clinics that comprise the Mental Health Rural Clinics service delivery system. Each clinic has a combination of psychiatrist(s), psychologists, clinical social workers, mental health counselors, psychiatric caseworkers, and support staff. Each clinic provides an array of mental health services on an outpatient basis such as individual, couple, and family therapy, group therapy, medication clinic, service coordination, psychological testing, psychosocial rehabilitation, housing services, emergency services, and consultation and education. Many clinics also have substance abuse counselors.

There are two Mental Health Clinics in Nye County, one in Tonopah and one in Pahrump.

TABLE 11 Mental Health Case Loads in Nye County, Fiscal Years 2001 & 2002

	Fiscal Year 2001	Fiscal Year 2002
Average Monthly Active Cases	265	262
New Admissions	261	184
Total Admissions	284	216

Data source: Division of Mental Health and Developmental Services, Rural Clinics Community Outpatient Services, 2002



Data source: Division of Mental Health and Developmental Services, Rural Clinics Community Outpatient Services, 2002

TECHNICAL NOTES

1. RACE AND ETHNICITY

In this report, "Native" refers to American Indian, non-Hispanic populations; "Asian" refers to Asian/Pacific Islander, non-Hispanic populations; "Black" refers to African American, non-Hispanic populations; "White" refers to White, non-Hispanic populations; "Hispanic" includes all races with a Hispanic ethnic origin. No duplicate counting exists.

2. POPULATION DATA

All Nye County and Nevada population data were based on the database established by the Nevada State Demographer's Office and provided by the Bureau of Health Planning and Statistics, Nevada State Health Division.

3. CRUDE RATE

Crude Death Rate = Number of Deaths / Population x 1,000 or 100,000

(This rate calculation was applied to infant mortality rate, neonatal mortality rate, and post-neonatal mortality rate)

Crude Incidence Rate = Number of New Cases of Specific Disease / Population x 100,000

(This rate calculation was applied to the rate of infectious diseases per 100,000 population)

4. AGE-ADJUSTED MORTALITY RATE

Age-Adjusted Mortality Rate = Total Expected Number of Deaths / Total Standard Population x 100,000

(This rate calculation was applied to the mortality rate of leading causes of death and injuries in this report. Health People 2010 targets for mortality rates of leading causes of death and injuries are also age-adjusted rates. For all three-year's, 1999-2001 age-adjusted rate calculations, the age was adjusted to the year 2000 standard population.)

5. DATA CONFIDENTIALITY

According to the data confidentiality policy of the Nevada State Health Division, sensitive cases (number of reported cases equal to or less than 5) are not allowed to be reported for general publication. Further information for internal use can be provided by the Bureau of Community Health upon request.

6. SAMPLE SIZE FOR BRFSS IN NYE COUNTY

In the Nevada BRFSS survey, 88 and 86 Nye County residents participated in the survey in 2000 and 2001 respectively. The sample size may not be ideal to represent Nye County's population and caution should be used when interpreting BRFSS survey responses.

7. POVERTY

How the Census Bureau Measures Poverty

Following the Office of Management and Budget's (OMB) Statistical Policy Directive 14, the U.S. Census Bureau uses a set of money income thresholds that vary by family size and composition to determine who is poor. If a family's total income is less than that family's threshold, then that family, and every individual in it, is considered poor. The poverty thresholds do not vary geographically, but they are updated annually for inflation using the Consumer Price Index (CPI-U). The official poverty definition counts money income before taxes and does not include capital gains and noncash benefits (such as public housing, Medicaid, food stamps). Poverty is not defined for people in military barracks, institutional group quarters, or for unrelated individuals under age 15 (such as foster children). They are excluded from the poverty universe – that is, they are considered neither as "poor" nor as "nonpoor."

Source: Joseph Dalaker and Bernadette D. Proctor, U.S. Census Bureau, Current Population Reports, Series P60-210, Poverty in the United States: 1999, U.S. Government Printing Office, Washington, DC, 2000.

REFERENCES

Bureau of Health Planning and Statistics and Center of Applied Research. *Nevada Behavioral Risk Factor Surveillance Survey Time Trend Analysis: 1992-2001*. Department of Human Resources, Nye County, Nevada: State Health Division. April 2001.

Bureau of Health Planning and Statistics. *Nevada Vital Statistics 1999*. Department of Human Resources, Nye County, Nevada: State Health Division. February 2001.

CDC. *Nevada 2000 State Health Profile*. Atlanta, GA: US Department of Health and Human Services, CDC, 2000.

Eberhardt MS, Ingram DD, Makuc DM, et al. *Urban and Rural Health Chartbook. Health, United States, 2001*. Hyattsville, Maryland: National Center for Health Statistics. 2001.

Nevada State Demographer. Nevada July 1, 2000 Population Estimate from Nevada Demographer (Based on Census 2000, April 1, 2000 Estimates, Adjusted for Other and Two or More Races). 2001.

U.S. Department of Health and Human Services. *Healthy People 2010*. 2nd ed. With Understanding and Improving Health and Objectives for Improving Health. 2 Vols. Washington, DC: U.S. Government Printing Office, November 2000.